

## EAST Search History

| Ref # | Hits  | Search Query   | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|-------|--|--|------------------|---------|------------------|
| L1    | 44673 | two with operating with system   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2006/03/14 09:24 |
| L2    | 45708 | two with operating with (system environment)   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2006/03/14 09:25 |
| L3    | 1216  | I2 and (encryption decryption)   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2006/03/14 09:25 |
| L4    | 1199  | I2 and (encryption decryption)   | US-PGPUB; USPAT                                    | OR               | ON      | 2006/03/14 09:26 |
| L5    | 1123  | I2 and (encryption decryption) and (module component)  | US-PGPUB; USPAT                                    | OR               | ON      | 2006/03/14 09:26 |
| L6    | 82    | I2 same (encryption decryption) and (module component)   | US-PGPUB; USPAT                                    | OR               | ON      | 2006/03/14 11:06 |
| L7    | 0     | encryption same operating adj system and application adj software  | US-PGPUB; USPAT                                    | OR               | ON      | 2006/03/14 11:07 |
| L8    | 474   | encryption same operating adj system and application adj software  | US-PGPUB; USPAT                                    | OR               | ON      | 2006/03/14 11:07 |
| L9    | 409   | encryption same operating adj system and application adj software and multiple   | US-PGPUB; USPAT                                    | OR               | ON      | 2006/03/14 11:07 |
| L10   | 166   | encryption same operating adj system and application adj software and multiple   | USPAT  | OR               | ON      | 2006/03/14 11:07 |
| L11   | 23151 | encryption same operating adj system samr application adj software and multiple  | US-PGPUB; USPAT                                    | OR               | ON      | 2006/03/14 11:07 |
| L12   | 34    | encryption same operating adj system same application adj software and multiple  | US-PGPUB; USPAT                                    | OR               | ON      | 2006/03/14 11:08 |
| L13   | 1     | "6269409".pn. and application  | US-PGPUB; USPAT                                    | OR               | ON      | 2006/03/14 11:08 |
| L14   | 27    | ("4747040"   "4764864"   "4975836"   "5278973"   "5371857"   "5408617"   "5410709"   "5414851"   "5499379"   "5526523"   "5600805"   "5613090").PN. OR ("6269409").URPN. | US-PGPUB; USPAT; USOCR                             | OR               | ON      | 2006/03/14 11:27 |
| L15   | 1     | "6996828".pn. and (application\$ level program component frist second)   | US-PGPUB; USPAT; USOCR                             | OR               | ON      | 2006/03/14 11:33 |
| L16   | 1     | "6996828".pn. and (application\$ level program component frist second driver)  | US-PGPUB; USPAT; USOCR                             | OR               | ON      | 2006/03/14 11:43 |
| L17   | 288   | 726/27.ccls.   | US-PGPUB; USPAT; USOCR                             | OR               | ON      | 2006/03/14 11:46 |

## EAST Search History

|     |        |  |   |    |    |                  |
|-----|--------|--|---|----|----|------------------|
| L18 | 97     | ("5978916" "6253193" "6363488" "6389402" "6427140"<br>"6117186" "5925114" "5991399" "6028585" "6314409"<br>"6393569" "5621805" "6359636" "6396480" "6396544"<br>"6434447" "6138271" "6401117" "6421730" "5666407"<br>"5745777" "5721951" "5832286" "5526408" "6266483"<br>"6385394" "6442337" "6445877" "6993509" "4247106"<br>"5268889" "5930209" "6282522" "6154222" "6732275"<br>"6920567" "6697944" "6073124" "6978370" "6289455"<br>"6126548" "5877754" "5351085" "5384582" "5386232"<br>"5432554" "5440346" "5448297" "5459518" "5491513").pn.<br>("5509089" "6442626" "6023016" "6071190" "6287198"<br>"6364769" "6160548" "5983087" "6032202" "6052750"<br>"6085236" "6061449" "6061449" "6259432" "6219322"<br>"6219322" "5809300" "6442663" "5276886" "6177904"<br>"6209099" "5790837" "5802350" "5717930" "5745759"<br>"5872974" "5937185" "5978590" "5440740" "5442789"<br>"5557668" "5577201" "5608651" "5717609" "5724418"<br>"5941940" "5970132" "5978825" "6101598" "6201854"<br>"6366622" "5933498" "6175861" "6195797" "5751277"<br>"5768568" "6141711" "5940504" "6061746" "6061746").pn. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2006/03/14 11:46 |
| S1  | 2815   | 713/200.ccls.  | US-PGPUB;<br>USPAT  | OR | ON | 2005/02/17 12:02 |
| S3  | 69798  | operating adj system   | USPAT   | OR | ON | 2005/02/16 15:52 |
| S4  | 124197 | operating adj system   | US-PGPUB;<br>USPAT  | OR | ON | 2005/02/17 12:16 |
| S5  | 1450   | S1 and S4  | US-PGPUB;<br>USPAT  | OR | ON | 2005/02/16 15:53 |
| S6  | 177    | S5 and tamper  | US-PGPUB;<br>USPAT  | OR | ON | 2005/02/16 15:53 |
| S7  | 343    | S5 and tamper\$8   | US-PGPUB;<br>USPAT  | OR | ON | 2005/02/16 15:54 |
| S8  | 189    | S5 and tamper\$8   | USPAT   | OR | ON | 2005/02/16 15:54 |
| S9  | 293    | two adj operating adj system   | US-PGPUB;<br>USPAT  | OR | ON | 2005/02/16 15:55 |
| S10 | 184    | two adj operating adj system   | USPAT   | OR | ON | 2005/02/16 16:05 |
| S11 | 3      | S10 and 713/200.ccls.  | USPAT   | OR | ON | 2005/02/16 16:14 |
| S12 | 23813  | user same operating adj system   | USPAT   | OR | ON | 2005/02/16 16:14 |
| S13 | 8221   | multiple same operating adj system   | USPAT   | OR | ON | 2005/02/16 16:15 |
| S14 | 382    | os1 same os2   | USPAT   | OR | ON | 2005/02/16 16:16 |
| S15 | 17     | os1 same os2 same operating adj system   | USPAT   | OR | ON | 2005/02/16 16:20 |
| S16 | 19     | os1 same os2 same operating adj system   | US-PGPUB  | OR | ON | 2005/02/16 16:20 |
| S17 | 1558   | 713/200.ccls.  | USPAT   | OR | ON | 2005/02/17 12:01 |
| S18 | 1452   | 713/200.ccls. and (operating adj system)   | US-PGPUB;<br>USPAT  | OR | ON | 2005/02/17 12:02 |
| S19 | 40     | 713/200.ccls. and ((operating adj system) same tamper)   | US-PGPUB;<br>USPAT  | OR | ON | 2005/02/17 12:02 |
| S20 | 153828 | operating adj system   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/17 12:17 |
| S21 | 1987   | installation adj program   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/17 12:17 |
| S22 | 1131   | S20 and S21  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/17 12:18 |

## EAST Search History

|     |        |   |   |    |    |                  |
|-----|--------|---|---|----|----|------------------|
| S23 | 84933  | decrypt\$6 or encrypt\$6 or crypto\$8   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/17 12:19 |
| S24 | 374    | S22 and S23   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/17 12:23 |
| S25 | 373    | two adj operating adj system  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/17 12:25 |
| S26 | 373    | two adj operating adj system  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/17 12:31 |
| S27 | 38     | "4459954".pn. "5621912".pn. "5652853".pn. "5764984".pn.<br>"5771383".pn. "5835764".pn. "5842226".pn. "5875487".pn.<br>"5892900".pn. "5940869".pn. "6195710".pn. "6308247".pn.<br>"6397242".pn. "6466962".pn. "6496847".pn. "20030131067".pn.<br>"20030200402".pn. "20030200405".pn. "20030200412".pn. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/17 12:32 |
| S28 | 153847 | operating adj system\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/17 17:36 |
| S29 | 27681  | S28 and (concurrent\$6 or co\$1residen\$4)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/17 18:20 |
| S30 | 12326  | S29 and key   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/17 18:12 |
| S31 | 8650   | S30 and command   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/17 18:13 |
| S32 | 8407   | S31 and control   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/17 18:13 |
| S33 | 4626   | S32 and (user adj interface)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/17 18:14 |

## EAST Search History

|     |      |  |   |    |    |                  |
|-----|------|--|---|----|----|------------------|
| S34 | 4626 | S33 and user   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/17 18:14 |
| S35 | 574  | S34 and (tamper\$6 or resistant)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/17 18:14 |
| S36 | 3686 | S28 same (concurrent\$6 or co\$1residen\$4)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/17 18:20 |
| S37 | 1046 | S36 and key and control and command and user   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/17 18:21 |
| S38 | 512  | S36 and key and control and command and user and<br>(tamper\$5 or secur\$6)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/17 18:50 |
| S39 | 2825 | 713/200.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/17 18:50 |
| S40 | 1263 | 713/200.ccls.  | US-PGPUB  | OR | ON | 2005/02/17 18:50 |
| S41 | 652  | 713/200.ccls. and operating adj system   | US-PGPUB  | OR | ON | 2005/02/17 18:50 |
| S42 | 25   | 713/200.ccls. and (operating adj system same (concurrent\$4 or<br>co\$1resident\$4))   | US-PGPUB  | OR | ON | 2005/02/17 18:51 |
| S43 | 22   | (US-20030200405-\$ or US-20040078590-\$ or<br>US-20040205203-\$).did. or (US-4835677-\$ or US-5511217-\$<br>or US-5621912-\$ or US-5764984-\$ or US-5781755-\$ or<br>US-6195710-\$ or US-6308247-\$ or US-6314501-\$ or<br>US-6381524-\$ or US-6397242-\$ or US-6466962-\$ or<br>US-6505107-\$).did. or (US-5835764-\$ or US-5764984-\$ or<br>US-5771383-\$ or US-5842226-\$ or US-6195710-\$ or<br>US-6466962-\$ or US-6397242-\$).did. | US-PGPUB;<br>USPAT;<br>DERWENT                                    | OR | ON | 2005/02/17 19:02 |

## EAST Search History

|     |         |  |   |    |    |                  |
|-----|---------|--|---|----|----|------------------|
| S44 | 407     | <p>("0021969 " "0027527 " "0037450 " "0018892 " "4037214 " "41625<br/>     36 " "4247905 " "4276594 " "4278837 " "4307447 " "4319323 " "434<br/>     7565 " "4366537 " "4521852 " "4571672 " "4759064 " "4795893 " "4<br/>     825052 " "4907270 " "4907272 " "4910774 " "5007082 " "5022077"<br/>     "  "5075842 " "5079737 " "5139760 " "5255379 " "5293424 " "53177<br/>     05 " "5319760 " "5421006 " "5434999 " "5437033 " "5442645 " "545<br/>     5909 " "5459867 " "5498869 " "5473692 " "5479509 " "5504922 " "5<br/>     511217 " "5522075 " "5528231 " "5533126 " "5566323 " "5568552"<br/>     "  "5606617 " "5615263 " "5628022 " "5657445 " "5717903 " "57206<br/>     09 " "5721222 " "5729760 " "5737604 " "5737760 " "5757919 " "576<br/>     4969 " "5796835 " "5796845 " "5805712 " "5825875 " "5835594 " "5<br/>     844986 " "5852717 " "5854913 " "5867577 " "5872994 " "5890189"<br/>     "  "5900606 " "5901225 " "5903752 " "5937063 " "5953502 " "59701<br/>     47 " "5978481 " "5987557 " "6014745 " "6055637 " "6058478 " "606<br/>     1794 " "6075938 " "6085296 " "6092095 " "6101584 " "6115816 " "6<br/>     125430 " "6148379 " "6158546 " "6175925 " "6178509 " "6182089"<br/>     "  "6192455 " "6205550 " "6212635 " "6222923 " "6249872 " "62526<br/>     50 " "6269392 " "6272533 " "6272637 " "6282651 " "6282657 " "629<br/>     2874 " "6301646 " "6308270 " "6314409 " "6321314 " "6330670 " "6<br/>     339815 " "6339816 " "6357004 " "6363485 " "6374286 " "6374317"<br/>     "  "6378072 " "6389537 " "6397242 " "6412035 " "6421702 " "64354<br/>     16 " "6445797 " "6463535 " "6463537 " "6499123 " "6505279 " "650<br/>     7904 " "6535988 " "6557104 " "6633963 " "6633981").PN.<br/>     ("0027527 " "0018892 " "0037450 " "5386552 " "5459869 " "00219<br/>     69").PN.<br/>     ("0147916 " "0166061 " "0169717 " "0074548 " "0115453 " "01264<br/>     42 " "0126453 " "0159056 " "0188179 " "0196085 " "0117539 " "369<br/>     9532 " "3996449 " "4207609 " "4319233 " "4403283 " "4419724 " "4<br/>     430709 " "4802084 " "4975836 " "5187802 " "5230069 " "5237616"<br/>     "  "5287363 " "5295251 " "5361375 " "5469557 " "5506975 " "55553<br/>     85 " "5555414 " "5560013 " "5564040 " "5574936 " "5582717 " "560<br/>     4805 " "5633929 " "5668971 " "5684948 " "5706469 " "5740178 " "5<br/>     752046 " "5809546 " "5825880 " "5919257 " "5935242 " "5935247"<br/>     "  "5956408 " "5978475 " "6035374 " "6044478 " "6088262 " "60932<br/>     13 " "6108644 " "6131166 " "6173417 " "6175924 " "6188257 " "619<br/>     9152 " "6275933 " "6282650 " "6327652 " "6378068 " "6397379 " "6<br/>     529909 " "6560627 " "6609199 " "6615278 " "6651171").PN.<br/>     ("0115453 " "0159056 " "0027511 " "0007456 " "0023032 " "01479<br/>     16 " "0166061 " "0169717 " "0074548 " "0126442 " "0126453 " "018<br/>     8179 " "0196085 " "0117539 " "6678825 " "6684326").PN.<br/>     ("6125430 " "4621318 " "5944821 " "6075938 " "6085296 " "61015<br/>     84 " "6115816").PN.</p> | US-PGPUB;<br>USPAT;<br>DERWENT                                    | OR | ON | 2005/02/17 19:13 |
| S45 | 7278743 | operating adj system or OS   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/18 16:10 |
| S46 | 795     | second adj operating adj system  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/18 16:20 |
| S47 | 706     | second adj operating adj system  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB                       | OR | ON | 2005/02/18 17:28 |
| S48 | 123     | second adj operating adj system and "713"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB                       | OR | ON | 2005/02/18 17:28 |
| S49 | 632     | two adj2 operating adj system  | US-PGPUB;<br>USPAT  | OR | ON | 2005/02/21 18:39 |
| S50 | 102027  | user adj interface   | US-PGPUB;<br>USPAT  | OR | ON | 2005/02/21 17:18 |
| S51 | 9605    | tamper adj (resistant or proof)  | US-PGPUB;<br>USPAT  | OR | ON | 2005/02/21 17:18 |
| S52 | 47      | multi-os   | US-PGPUB;<br>USPAT  | OR | ON | 2005/02/21 17:18 |

## EAST Search History

|     |        |  |  |    |    |                  |
|-----|--------|--|--|----|----|------------------|
| S53 | 29     | (US-20020066016-\$ or US-20030110331-\$ or US-20030177334-\$ or US-20030200405-\$ or US-20030217078-\$ or US-20040078590-\$ or US-20040205203-\$).did. or (US-4835677-\$ or US-5230065-\$ or US-5511217-\$ or US-5621912-\$ or US-5764984-\$ or US-5781755-\$ or US-6195710-\$ or US-6308247-\$ or US-6314501-\$ or US-6381524-\$ or US-6397242-\$ or US-6466962-\$ or US-6505107-\$ or US-6684397-\$ or US-6823458-\$).did. or (US-5835764-\$ or US-5764984-\$ or US-5771383-\$ or US-5842226-\$ or US-6195710-\$ or US-6466962-\$ or US-6397242-\$).did. | US-PGPUB; USPAT; DERWENT                           | OR | ON | 2005/03/16 07:28 |
| S54 | 6      | "5721922".pn. "6269409".pn. "5414851".pn. "5261104".pn. "4747040".pn. "6199179".pn.  | US-PGPUB; USPAT                                    | OR | ON | 2005/02/21 17:45 |
| S55 | 1      | "6711605".pn.  | US-PGPUB; USPAT                                    | OR | ON | 2005/02/21 17:45 |
| S56 | 0      | ("2002/0116632").URPN.   | USPAT  | OR | ON | 2005/02/21 17:48 |
| S58 | 7      | "20010016879".pn. "6446225".pn. "4809280".pn. "20020116670".pn. "6314501".pn. "20010025371".pn. "5875484".pn.  | US-PGPUB; USPAT                                    | OR | ON | 2005/02/21 18:14 |
| S59 | 1      | "6711605".pn.  | US-PGPUB; USPAT                                    | OR | ON | 2005/02/21 18:14 |
| S60 | 207    | S49 and S50  | US-PGPUB; USPAT                                    | OR | ON | 2005/02/21 18:55 |
| S61 | 203    | S49 and S50 and application  | US-PGPUB; USPAT                                    | OR | ON | 2005/02/21 18:56 |
| S62 | 170    | S49 and S50 and application and component  | US-PGPUB; USPAT                                    | OR | ON | 2005/02/21 18:56 |
| S63 | 185    | S49 and S50 and application and (component or module)  | US-PGPUB; USPAT                                    | OR | ON | 2005/02/21 19:13 |
| S64 | 9      | "supporting co-resident operating systems"   | US-PGPUB; USPAT                                    | OR | ON | 2005/02/21 19:14 |
| S65 | 1      | "6466962".pn.  | US-PGPUB; USPAT                                    | OR | ON | 2005/02/21 19:15 |
| S66 | 12     | ("4575816"   "4796179"   "4993017"   "5101491"   "5291614"   "5295264"   "5347649"   "5363497"   "5371879"   "5438844"   "5506988"   "5535380").PN.  | US-PGPUB; USPAT; USOCR                             | OR | ON | 2005/02/21 19:19 |
| S67 | 2      | ("6466962").URPN.  | USPAT  | OR | ON | 2005/02/21 19:20 |
| S68 | 1452   | operating adj system and 713/200.ccls.   | US-PGPUB; USPAT; DERWENT                           | OR | ON | 2005/02/21 19:52 |
| S69 | 800    | operating adj system and 713/200.ccls.   | USPAT  | OR | ON | 2005/02/21 19:52 |
| S70 | 95     | operating adj system and 713/200.ccls. and tamper  | USPAT  | OR | ON | 2005/02/21 19:52 |
| S71 | 189    | operating adj system and 713/200.ccls. and tamper\$4   | USPAT  | OR | ON | 2005/02/21 19:52 |
| S72 | 180    | operating adj system and 713/200.ccls. and tamper\$4 and application\$4  | USPAT  | OR | ON | 2005/02/21 19:52 |
| S73 | 161    | operating adj system and 713/200.ccls. and tamper\$4 and application\$4 and (component or module)  | USPAT  | OR | ON | 2005/02/21 19:53 |
| S74 | 114    | operating adj system and 713/200.ccls. and tamper\$4 and application\$4 and (component or module) and permi\$6   | USPAT  | OR | ON | 2005/02/21 19:53 |
| S75 | 1      | two adj operating adj system and 713/200.ccls. and tamper\$4 and application\$4 and (component or module) and permi\$6   | USPAT  | OR | ON | 2005/02/21 19:54 |
| S76 | 4      | multiple adj operating adj system and 713/200.ccls. and tamper\$4 and application\$4 and (component or module) and permi\$6  | USPAT  | OR | ON | 2005/02/21 20:07 |
| S81 | 596    | application same software same operating adj system same secur\$4  | USPAT  | OR | ON | 2005/02/21 20:36 |
| S82 | 154615 | operating adj system   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/02 17:45 |

## EAST Search History

|          |       |   |   |    |    |                  |
|----------|-------|---|---|----|----|------------------|
| S83      | 28598 | application adj software  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/02 17:45 |
| S84      | 14694 | S82 and S83   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/02 17:45 |
| S85      | 13686 | first and S84   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/02 17:45 |
| S86      | 12756 | second and S85  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/02 17:46 |
| S87      | 8     | S86 and multi-OS  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/02 17:46 |
| S88      | 94    | 719/319.ccis.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/11 14:49 |
| S89      | 14    | (US-20040015955-\$).did. or (US-6269409-\$ or US-6772419-\$ or US-4747040-\$ or US-6466962-\$ or US-5414851-\$ or US-6631394-\$ or US-6711605-\$ or US-6697972-\$ or US-6199179-\$ or US-5758174-\$ or US-6332180-\$ or US-6615303-\$ or US-5548759-\$).did.                          | US-PGPUB;<br>USPAT  | OR | ON | 2005/03/11 14:53 |
| S90      | 10    | ("6633930" "6381524").PN. ("5779473").PN.<br>("5483647" "5278973" "5230065" "5134580" "5027271" "46758<br>14" "4493034").PN.  | US-PGPUB;<br>USPAT  | OR | ON | 2005/03/11 14:56 |
| S94      | 1     | "6578140".pn. and boot\$6   | US-PGPUB;<br>USPAT  | OR | ON | 2005/03/11 16:51 |
| S95      | 15    | (US-20010029550-\$ or US-20010016879-\$ or US-20020029301-\$).did. or (US-5027271-\$ or US-5230065-\$ or US-4493034-\$ or US-5134580-\$ or US-5278973-\$ or US-4675814-\$ or US-5483647-\$ or US-6381524-\$ or US-6269409-\$ or US-6772419-\$ or US-6594671-\$ or US-5764984-\$).did. | US-PGPUB;<br>USPAT  | OR | ON | 2005/03/11 16:57 |
| S96      | 7     | S95 and boot\$6   | US-PGPUB;<br>USPAT  | OR | ON | 2005/03/11 16:57 |
| S97      | 15    | S95 not S94   | US-PGPUB;<br>USPAT  | OR | ON | 2005/03/11 16:57 |
| S98      | 1     | S94 not S95   | US-PGPUB;<br>USPAT  | OR | ON | 2005/03/11 16:57 |
| S10<br>3 | 7     | (install\$6 adj program) same (crypto\$8 and digital)   | US-PGPUB;<br>USPAT  | OR | ON | 2005/03/14 09:37 |
| S10<br>4 | 98    | (install\$6 adj program same component) and (crypto\$8 or encrypt\$6 or decrypt\$6)   | US-PGPUB;<br>USPAT  | OR | ON | 2005/03/14 09:39 |
| S10<br>5 | 29    | (install\$6 adj program same component) and (crypto\$8 or encrypt\$6 or decrypt\$6)   | USPAT   | OR | ON | 2005/03/14 10:18 |
| S10<br>6 | 736   | installation adj program  | USPAT   | OR | ON | 2005/03/14 10:18 |

## EAST Search History

|          |        |  |                    |    |    |                  |
|----------|--------|--|--------------------|----|----|------------------|
| S10<br>7 | 536    | S106 and component   | USPAT              | OR | ON | 2005/03/14 10:18 |
| S10<br>8 | 421    | S107 and operating adj system  | USPAT              | OR | ON | 2005/03/14 10:19 |
| S10<br>9 | 118    | S108 and (encrypt\$4 or decrypt\$4 or crypt\$8)  | USPAT              | OR | ON | 2005/03/14 12:53 |
| S11<br>0 | 521    | remote adj installation  | USPAT              | OR | ON | 2005/03/14 10:32 |
| S11<br>1 | 26     | remote adj installation and "713"/\$.ccls.   | USPAT              | OR | ON | 2005/03/14 10:33 |
| S11<br>2 | 28     | remote adj installation and "717"/\$.ccls.   | USPAT              | OR | ON | 2005/03/14 10:49 |
| S11<br>6 | 45     | operating adj system and boot and tamper-resistant   | USPAT              | OR | ON | 2005/03/14 13:04 |
| S11<br>7 | 62     | operating adj system and boot and tamper-resistant   | US-PGPUB           | OR | ON | 2005/03/14 12:27 |
| S11<br>8 | 1      | "6269409".pn. and base adj machine   | US-PGPUB;<br>USPAT | OR | ON | 2005/03/14 12:30 |
| S11<br>9 | 34235  | endo   | JPO                | OR | ON | 2005/03/14 12:53 |
| S12<br>0 | 436541 | hitachi  | JPO                | OR | ON | 2005/03/14 12:53 |
| S12<br>1 | 653    | hitachi and operating adj system   | JPO                | OR | ON | 2005/03/14 12:53 |
| S12<br>2 | 4      | hitachi and operating adj system and boot  | JPO                | OR | ON | 2005/03/14 12:55 |
| S12<br>3 | 157    | "20000302".prad.   | JPO                | OR | ON | 2005/03/14 12:56 |
| S12<br>4 | 0      | "20000302".prad. and endo  | JPO                | OR | ON | 2005/03/14 12:56 |
| S12<br>5 | 157    | "20000302".prad.   | JPO                | OR | ON | 2005/03/14 12:57 |
| S12<br>6 | 3      | "20000302".prad. and hitachi   | JPO                | OR | ON | 2005/03/14 12:58 |
| S12<br>7 | 0      | 2000-057810  | JPO                | OR | ON | 2005/03/14 13:00 |
| S12<br>8 | 0      | ("6633930" "6381524").PN. ("5779473").PN.<br>("5483647" "5278973" "5230065" "5134580" "5027271" "46758<br>14" "4493034" "4993017" "5129084").PN. | JPO                | OR | ON | 2005/03/14 13:01 |
| S12<br>9 | 12     | ("6633930" "6381524").PN. ("5779473").PN.<br>("5483647" "5278973" "5230065" "5134580" "5027271" "46758<br>14" "4493034" "4993017" "5129084").PN. | US-PGPUB;<br>USPAT | OR | ON | 2005/03/14 13:01 |
| S13<br>0 | 20     | operating adj system same boot and tamper-resistant  | USPAT              | OR | ON | 2005/03/14 13:14 |
| S13<br>1 | 5720   | operating adj system   | JPO                | OR | ON | 2005/03/14 13:14 |
| S13<br>2 | 22     | operating adj system and endo.in.  | JPO                | OR | ON | 2005/03/14 13:16 |
| S13<br>3 | 2365   | operating adj system   | EPO                | OR | ON | 2005/03/14 13:17 |
| S13<br>4 | 723    | operating adj system and control   | EPO                | OR | ON | 2005/03/14 13:17 |
| S13<br>5 | 103    | operating adj system and control and multi\$6  | EPO                | OR | ON | 2005/03/14 13:26 |
| S13<br>6 | 0      | "14091499"   | JPO                | OR | ON | 2005/03/14 13:35 |
| S13<br>7 | 0      | "1JP 4091499"  | JPO                | OR | ON | 2005/03/14 13:35 |
| S13<br>8 | 0      | "JP 14091499"  | JPO                | OR | ON | 2005/03/14 13:35 |

## EAST Search History

|          |         |   |                                |    |    |                  |
|----------|---------|---|--------------------------------|----|----|------------------|
| S13<br>9 | 0       | "14-091499"   | JPO                            | OR | ON | 2005/03/14 13:36 |
| S14<br>0 | 10      | multiple adj operating adj system   | JPO                            | OR | ON | 2005/03/14 13:48 |
| S14<br>1 | 0       | JP14091499  | JPO                            | OR | ON | 2005/03/14 13:49 |
| S14<br>2 | 7231278 | JP "14091499"   | JPO                            | OR | ON | 2005/03/14 13:49 |
| S14<br>3 | 0       | JP19990521  | JPO                            | OR | ON | 2005/03/14 13:50 |
| S14<br>4 | 14475   | computer adj system   | JPO                            | OR | ON | 2005/03/14 13:50 |
| S14<br>5 | 680     | computer adj system and operating adj system  | JPO                            | OR | ON | 2005/03/14 13:51 |
| S14<br>6 | 4       | computer adj system and multiple adj operating adj system   | JPO                            | OR | ON | 2005/03/14 15:22 |
| S14<br>7 | 0       | "20020029301".pn. and loader  | JPO                            | OR | ON | 2005/03/14 15:22 |
| S14<br>8 | 1       | "20020029301".pn. and loader  | US-PGPUB                       | OR | ON | 2005/03/14 15:22 |
| S14<br>9 | 52      | peinado.in. and england.in.   | US-PGPUB;<br>USPAT;<br>DERWENT | OR | ON | 2005/03/16 07:28 |
| S15<br>0 | 24      | peinado.in. and england.in.   | US-PGPUB;<br>USPAT             | OR | ON | 2005/03/16 07:28 |
| S15<br>1 | 7       | peinado.in. and england.in. and willman.in.   | US-PGPUB;<br>USPAT             | OR | ON | 2005/03/16 07:28 |
| S15<br>2 | 1       | peinado.in. and england.in. and willman.in. and chen.in.  | US-PGPUB;<br>USPAT             | OR | ON | 2005/03/16 07:31 |
| S15<br>3 | 19      | ("4459954" "5621912" "5652853" "5764984" "5771383"<br>"5835764" "5842226" "5875487" "5892900" "5940869"<br>"6195710" "6308247" "6397242" "6466962" "6496847"<br>"20030131067" "20030200402" "20030200405"<br>"20030200412").pn. | US-PGPUB;<br>USPAT             | OR | ON | 2005/03/16 07:32 |
| S15<br>4 | 1687    | 719/328-332.CCLS.   | US-PGPUB;<br>USPAT             | OR | ON | 2005/03/16 09:37 |
| S15<br>5 | 834     | 719/328-332.CCLS. AND API   | US-PGPUB;<br>USPAT             | OR | ON | 2005/03/16 09:37 |
| S15<br>6 | 169     | 719/328-332.CCLS. AND API AND DATA ADJ TRANSFE\$6   | US-PGPUB;<br>USPAT             | OR | ON | 2005/03/16 09:48 |
| S15<br>7 | 1780    | 717/168-178.CCLS.   | US-PGPUB;<br>USPAT             | OR | ON | 2005/03/16 09:48 |
| S15<br>8 | 974     | 717/168-178.CCLS.   | USPAT                          | OR | ON | 2005/03/16 09:48 |
| S15<br>9 | 142     | 717/168-178.CCLS. AND INSTALLATION ADJ PROGRAM  | USPAT                          | OR | ON | 2005/03/16 10:25 |
| S16<br>0 | 70      | 713/191.ccls.   | USPAT                          | OR | ON | 2005/03/16 10:32 |
| S16<br>1 | 198     | 713/165.ccls.   | USPAT                          | OR | ON | 2005/03/16 10:32 |
| S16<br>2 | 183     | 713/165.ccls. and (operating adj system or application)   | USPAT                          | OR | ON | 2005/03/16 10:33 |
| S16<br>3 | 113     | 713/165.ccls. and (operating adj system)  | USPAT                          | OR | ON | 2005/03/16 10:33 |